Method and system for network management with topology system providing historical topological views

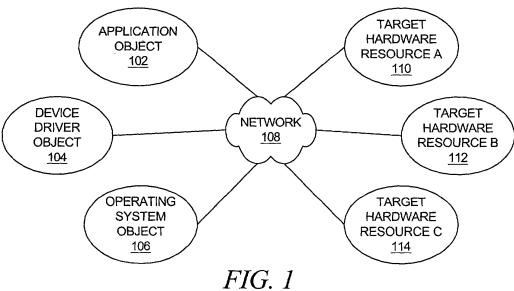


FIG. I (PRIOR ART)

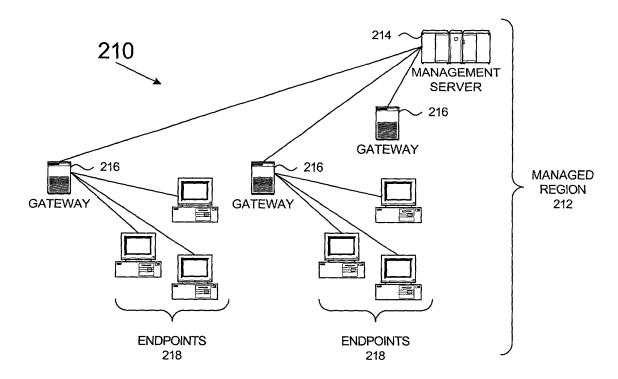


FIG. 2A

Method and system for network management with topology system providing historical topological views

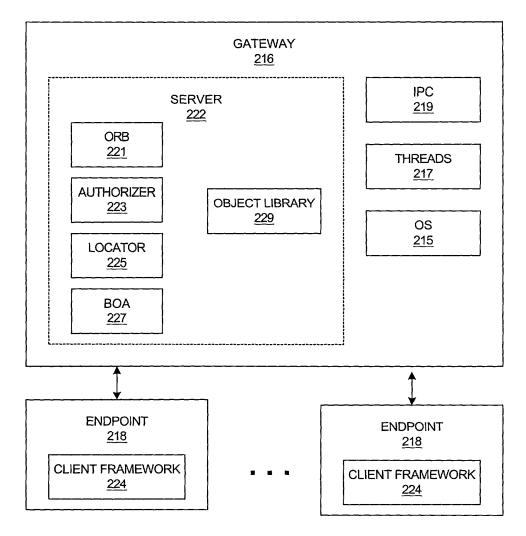


FIG. 2B

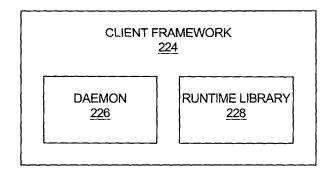


FIG. 2C

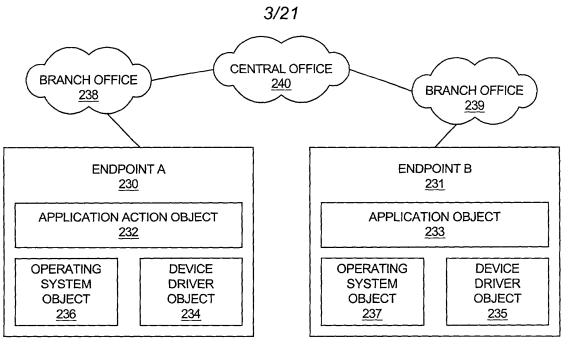
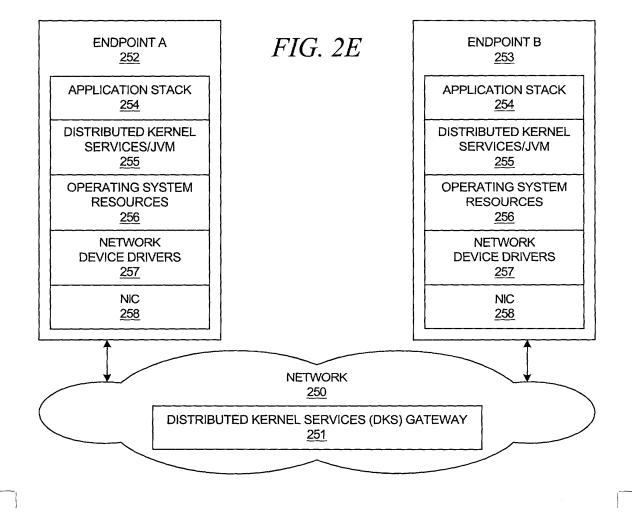


FIG. 2D



Method and system for network management with topology system providing historical topological views

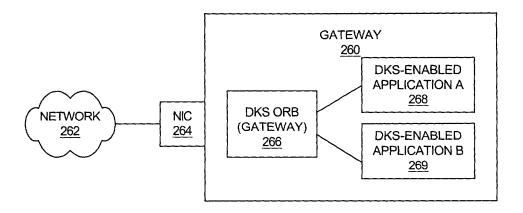
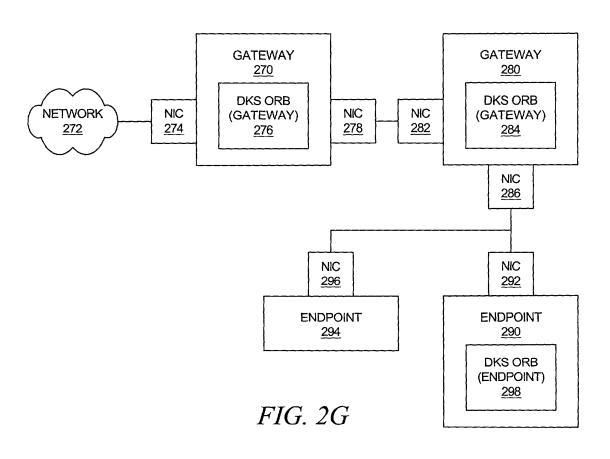


FIG. 2F



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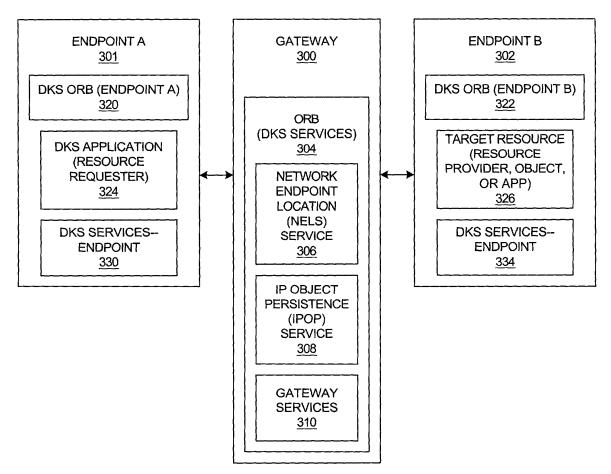


FIG. 3

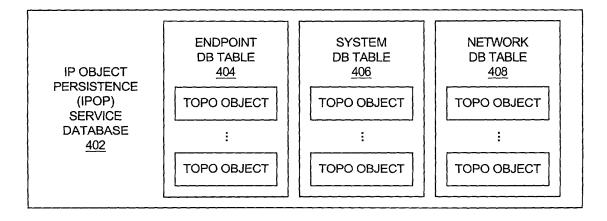
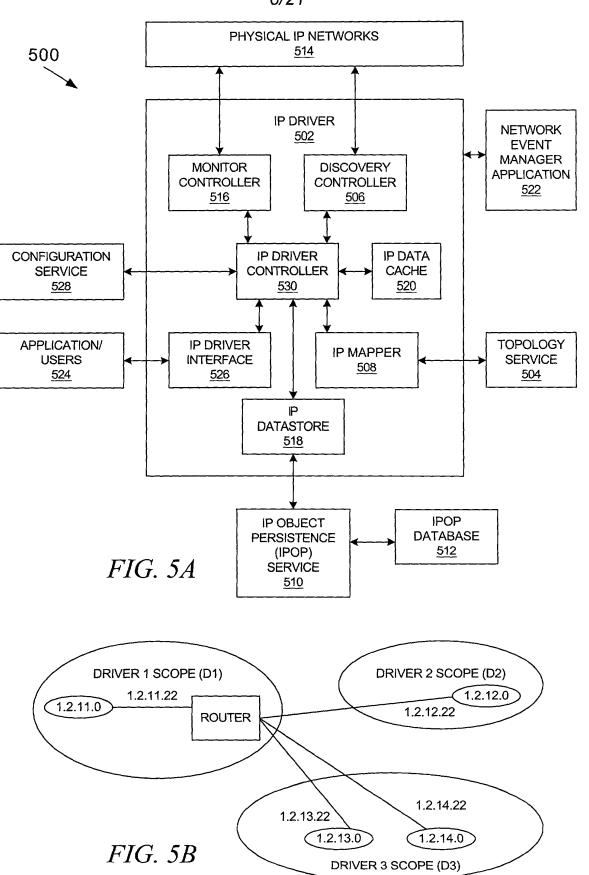


FIG. 4





Method and system for network management with topology system providing historical topological views

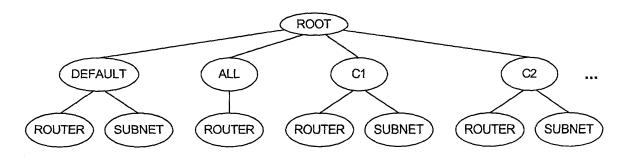


FIG. 5C

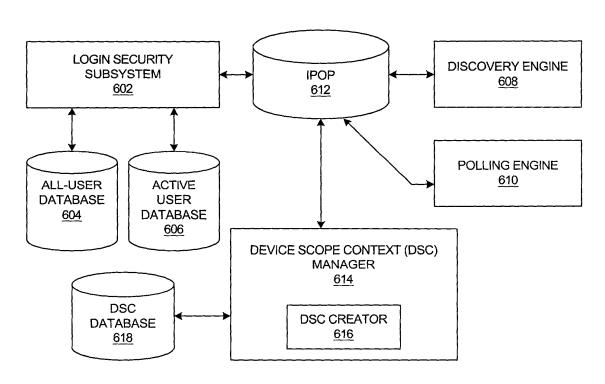


FIG. 6

Method and system for network management with topology system providing historical topological views

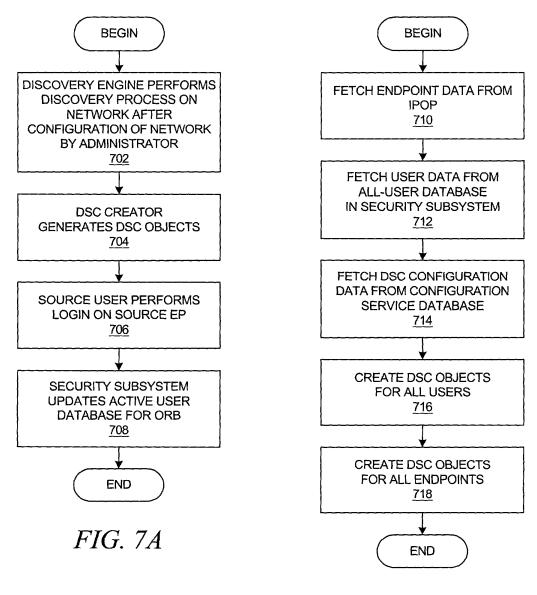
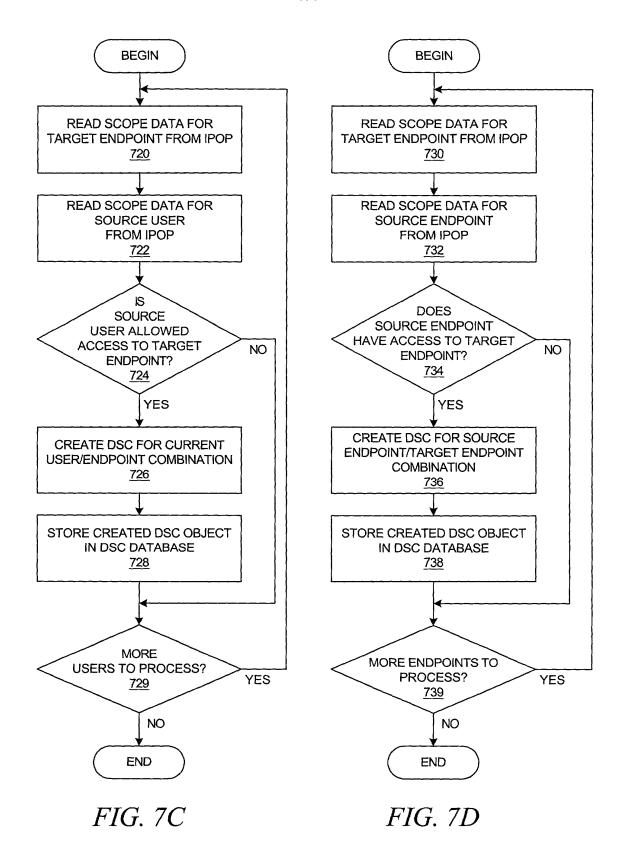


FIG. 7B

Method and system for network management with topology system providing historical topological views



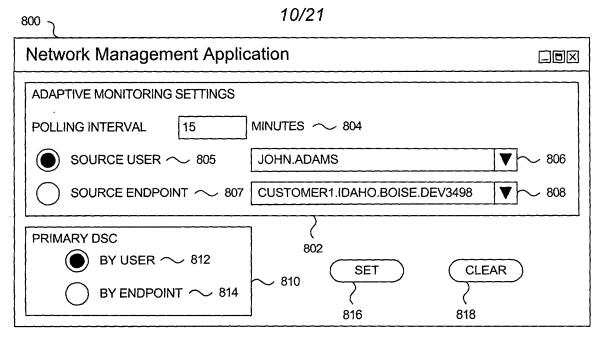
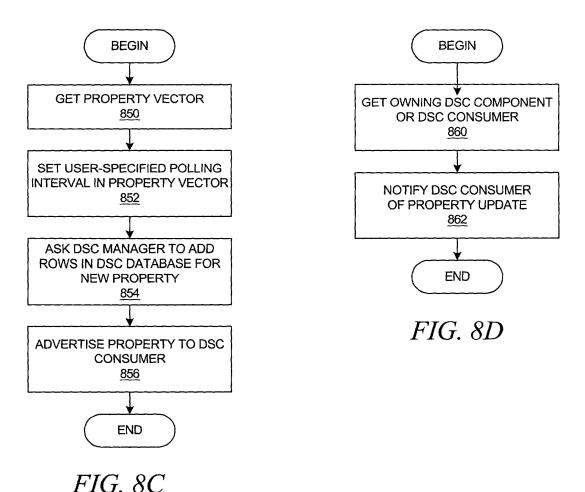


FIG. 8A



Method and system for network management with topology system providing historical topological views

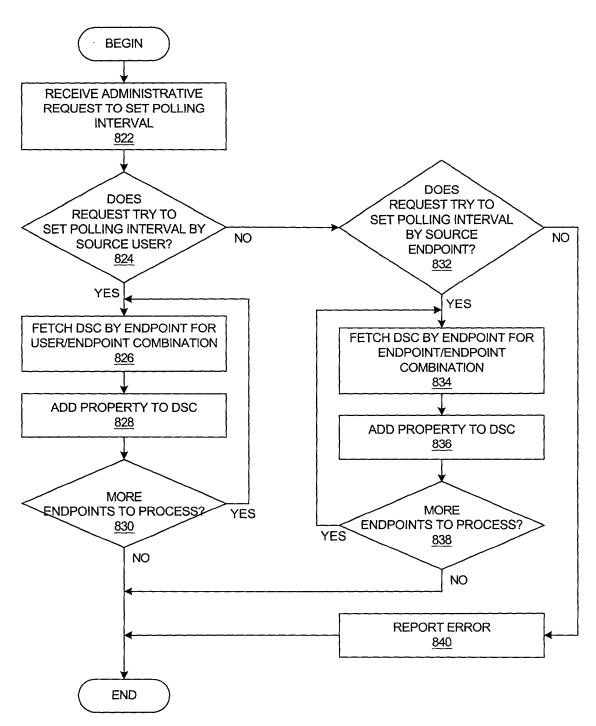


FIG. 8B

Method and system for network management with topology system providing historical topological views

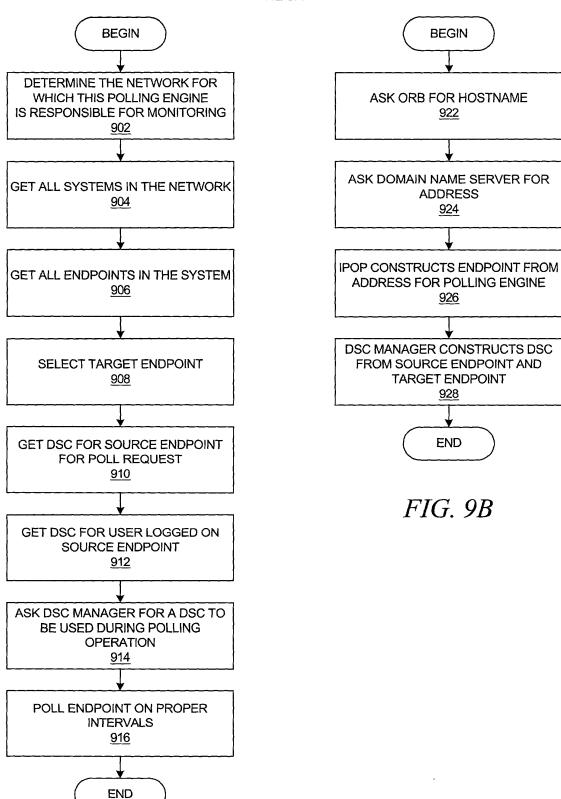
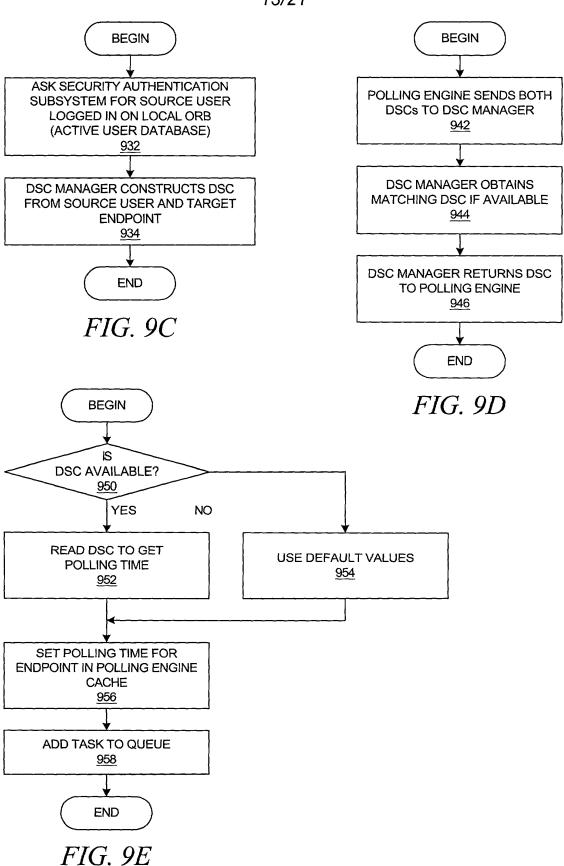


FIG. 9A







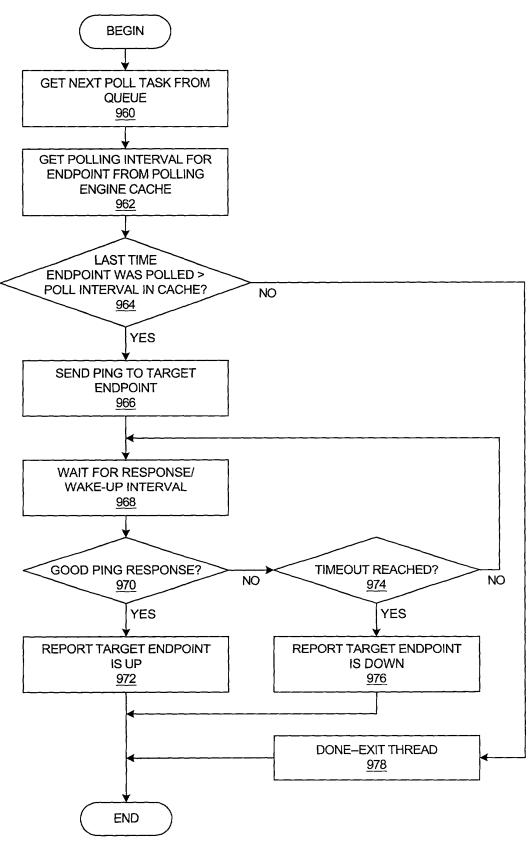


FIG. 9F

Method and system for network management with topology system providing historical topological views

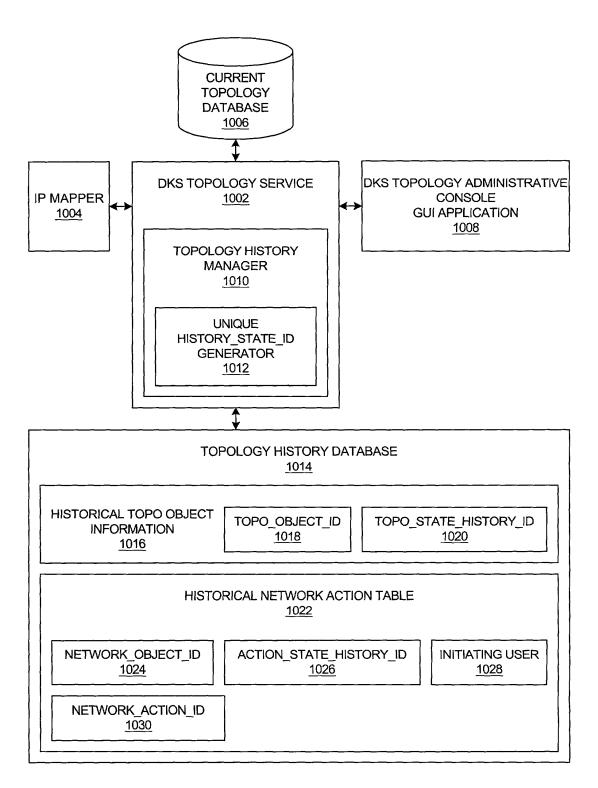


FIG. 10

Method and system for network management with topology system providing historical topological views

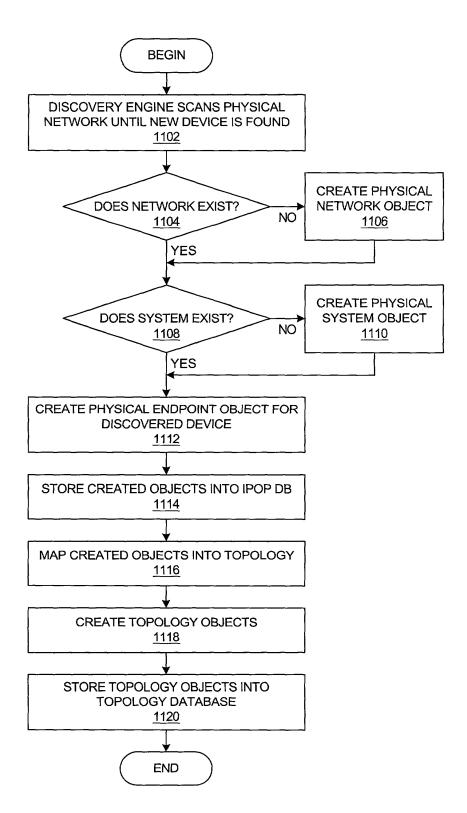
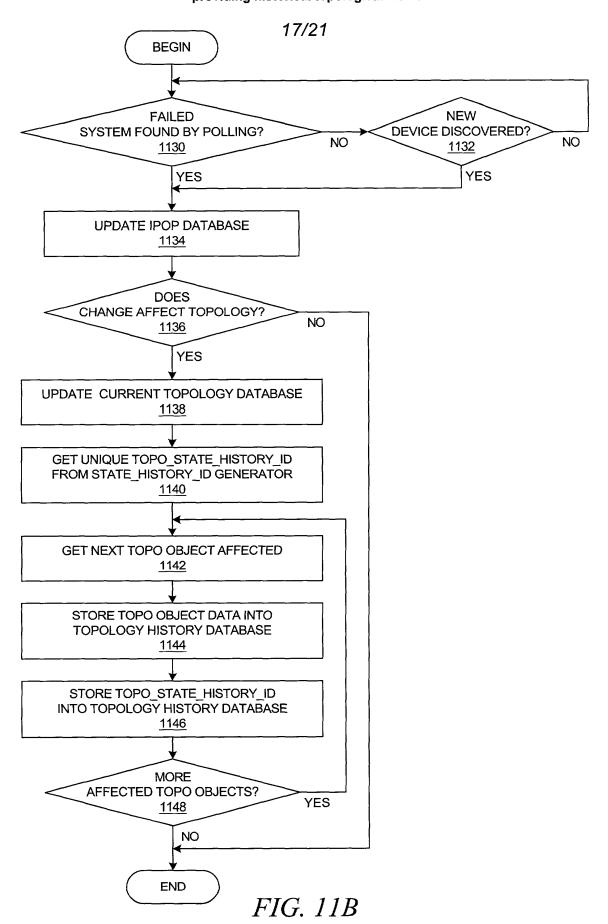
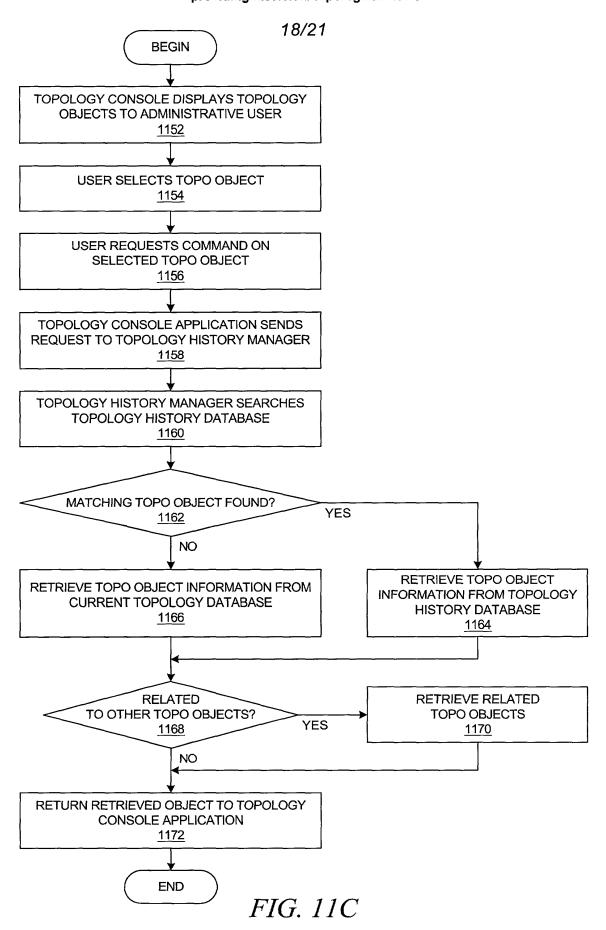


FIG. 11A

Atty. Docket # AUS920010289US1 Benfield et al. Method and system for network management with topology system providing historical topological views





Method and system for network management with topology system providing historical topological views

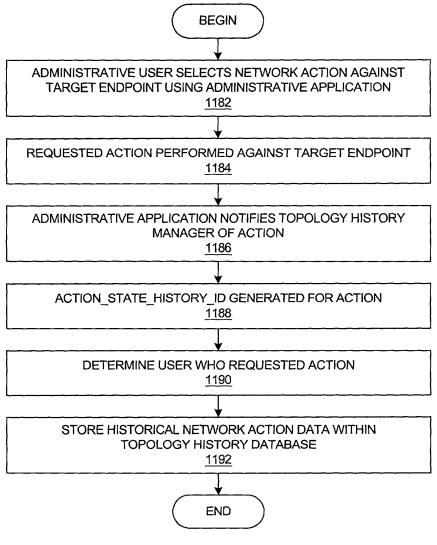


FIG. 11D

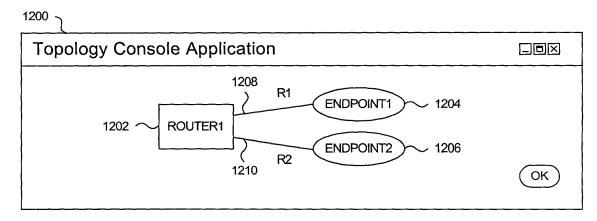


FIG. 12A

Method and system for network management with topology system providing historical topological views

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CURRENT TOPOLOGY DATABASE 1222			
DESCRIPTION	TOPO OBJECT ID		
ROUTER1	001		
ENDPOINT1	002		
ENDPOINT2	003		
RELATION1	004		
RELATION2	005		

TOPOLOGY HISTORY DATABASE 1224

FIG. 12B

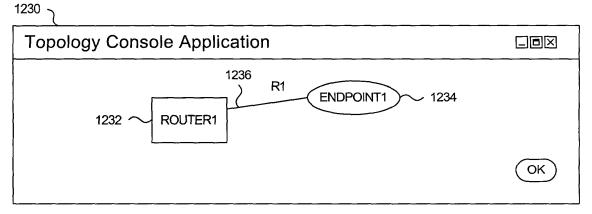


FIG. 12C

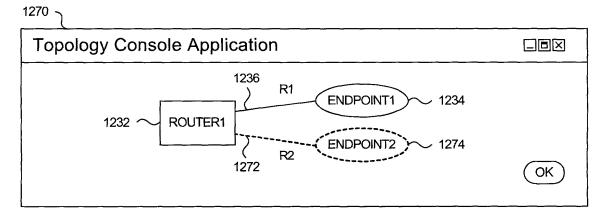


FIG. 12G

Method and system for network management with topology system providing historical topological views

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CURRENT TOPOLOGY DATABASE 1242			
DESCRIPTION	TOPO OBJECT ID		
ROUTER1	001		
ENDPOINT1	002		
RELATION2	005		

TOPOLOGY HISTORY DATABASE 1244					
DESCRIPTION	TOPO OBJECT ID	TOPO STATE HISTORY ID			
ROUTER1	001	001			
ENDPOINT1	002	001			
ENDPOINT2	003	001			
RELATION1	004	001			
RELATION2	005	001			

FIG. 12D

HISTORICAL NETWORK ACTION TABLE 1252					
ACTION ID	DESCRIPTION	TOPO OBJECT ID	ACTION STATE HISTORY ID	USER	
00001	PING	005	0000	JOHN	
00002	SNMPQUERY	005	0001	JOHN	
00003	UNMANAGE	005	0002	JOHN	
00004	MANAGE	005	0003	MARY	
00002	SNMPQUERY	005	0004	MARY	

FIG. 12E

Г	/IEW ACTION FOR ENDPOINT1	
L		
	STATE0: PING ACTION BY JOHN	1262
	STATE1: SNMP QUERY ACTION BY JOHN	1202
	STATE2: UNMANAGE ACTION BY JOHN	
	STATE3: MANAGE ACTION BY MARY	:
	STATE4: SNMP QUERY ACTION BY MARY	

FIG. 12F